

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION WIN-1661

Effective Date: November 1, 2012
Reevaluation Date: **August 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Model 9020 TB Aluminum Fixed Windows, Non-Impact Resistant, manufactured by

WinDoor Incorporated
7500 Amsterdam Drive
Orlando, Florida 32832
Telephone: (407) 481-8400
www.windoorinc.com

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Model 9020 TB Aluminum Fixed; (O)	AW-PG95 60 x 120-FW	± 95
2	Model 9020 TB Aluminum Fixed; (O)	AW-PG150 60 x 120-FW	± 150
3	Model 9020 TB Aluminum Fixed Combo Assembly (Mull); (O.O)	AW-PG85 60 x 120-FW	± 85
4	Model 9020 TB Aluminum Fixed Combo Assembly (Mull); (O.O)	LC-PG95 60 x 120-FW	± 95
5	Model 9020 TB Aluminum Fixed; (O)	AW-PG110 96 x 72-FW	± 110
6	Model 9020 TB Aluminum Fixed; (O)	AW-PG150 96 x 72-FW	± 150
7	Model 9020 TB Aluminum Fixed; (O.O.O)	AW-PG70 144 x 72-FW	+70/-75

Product Dimensions:

System	Overall Size	Fixed Daylight Opening Size
1	60" x 120"	55" x 115.5"
2	60" x 120"	55" x 115.5"
3	60" x 120"	Two: 55" x 56"
4	60" x 120"	Two: 55" x 56"

Product Dimensions (continued):

System	Overall Size	Fixed Daylight Opening Size
5	96" x 72"	91.5" x 67.5"
6	96" x 72"	91.5" x 67.5"
7	144" x 72"	Three: 44.1875" x 67.5"

Product Identification (Certification Agency Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-732
	Product Name	Model 9020 TB AI Mono Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-733
	Product Name	Model 9020 TB AI IG Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-734
	Product Name	Model 9020 TB AI Two Lite Mono Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-735
	Product Name	Model 9020 TB AI Two Lite Mono Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09
5	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-736
	Product Name	Model 9020 TB AI Mono Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09
6	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-737
	Product Name	Model 9020 TB AI IG Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09
7	Certification Agency	Keystone
	Manufacturer's Name or Code Name	WinDoor, Inc.; CAR 167-738
	Product Name	Model 9020 TB AI Three Lite/IG Fixed Panel PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440S1-09

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required.

Installation:

System		
1-7	Type of Installation	Replacement – Through Frame
	Wall Framing	Wood (Spruce-Pine-Fir); Concrete (minimum compressive strength of 3,192 psi); Masonry (ASTM C-90); Steel (18 gauge, 33 ksi); or Aluminum ($\frac{1}{8}$ " thick 6063-T5)
	Fasteners	Wood: No. 12 wood screw; Concrete: $\frac{1}{4}$ " diameter Tapcons; Metal No. 12 SMS or self drilling screws
	Fastener Location/Spacing	The windows shall be installed in strict accordance with this product evaluation report and WinDoor Incorporated drawings 08-01654, sheets 1 – 7 of 7, dated June 27, 2012, signed and sealed by Luis R. Lomas, P.E. on September 13, 2012
	Fastener Penetration	Wood: Minimum of $1\frac{5}{8}$ inches into the wall framing; Concrete: Minimum of $1\frac{1}{4}$ inches into the wall framing; Metal: Minimum 3 threads beyond structure interior wall.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.